





## Asus BW-14D1XT Datasheet

Optical disc drive internal blu-ray writer



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Optical Disc Drive  
Internal Blu-ray Writer Datasheet

# BW-14D1XT



Fastest and Eco-Friendly Blu-ray Solution

ASUS BW-14D1XT is a Blu-ray writer that brings the fastest 14X Blu-ray writing speeds and latest BDXL format support, storing up to 128GB per disc. Along with E-Green technology, ASUS BW-14D1XT improves your productivity while caring for the planet, providing the fastest and the best Blu-ray burning solution.

## FEATURES

- 14X Blu-ray Writing Speed  
World's Fastest Speed
- BDXL Format Support  
Maximum Data Storage up to 128GB
- Superior Burning Quality



OTS Technology assures the best burning quality

**E-Green**

Save over 50% Power Consumption

**Disc Encryption II**

Double the Security

**Drag and Burn**

3 Easy Steps to Complete Disc Burning



Specifications are subject to changes without notice.

## SPECIFICATIONS

**color**

Black

**Read Speed**

BD-R/ROM: 12X

BD-RE: 8X

BD-R(DL): 8X

BD-RE(DL): 6X

BD-ROM(DL): 8X

BD-R(TL/QL):6X

**Write Speed**

BD-R: 14X

BD-R(DL): 12X

BD-RE(SL/DL/TL): 2X

BD-R(TL/QL):6X

**Writing Mode**

DVD-R: DAO, Incremental Recording

DVD-R DL: DAO, Incremental Recording and Layer Jump Recording

DVD-RW: DAO, Incremental Recording and Restricted Overwrite

DVD-RAM: Random Write

DVD+R: Sequential Recording

DVD+R DL: Sequential Recording

DVD+RW: Random Write

CD-R/RW: DAO, SAO, TAO, Packet Write

BD-R: Sequential Recording Mode with Pseudo-Overwrite, Sequential Recording

Mode without Pseudo-Overwrite

BD-RE: Random Write, Sequential Recording Mode without Pseudo-Overwrite

**Access Time**

Random Seek

(1/3 Stroke)

BD-ROM: 180 ms typ.

DVD-ROM: 160 ms typ.

DVD-RAM: 180 ms typ.

CD-ROM: 150 ms typ.

**Interface**

SATA

**Data Buffer**

4 MB

**O/S Compatibility**

Windows 8, Windows

**System Requirement**

CPU: Intel Pentium

RAM: 1GB or more is recommended

HDD: 10GB or more

Graphics Card: NVIDIA

Use HDCP Compatible display and VGA card to High Definition digital output

**Disc Formats**

- Reading:

BD-R(SL/DL/TL/QL)

BD-RE(SL/DL/TL)

BD-ROM(SL/DL)

DVD±R(SL/DL)

DVD±RW

DVD-ROM(SL/DL)

DVD-RAM

- Writing

BD-R(SL/DL/TL/QL)

BD-RE(SL/DL/TL)

DVD±R(SL/DL)

**Disc Diameters**

12cm and 8cm



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## Configurations

### Mounting Orientation

Vertical and Horizontal

### Dimensions

41 x 146 x 165mm

(H/W/D)

### Weight

750g



All other brands and names are properties of their respective owners.

BD-RE(TL):4X

CD-R/ROM: 48X

DVD±R/ROM: 16X

CD-RW: 40X

DVD±RW: 12X

BD/DVD video playback: 6X

DVD±R(DL): 12X

VCD playback: 48X

DVD-ROM(DL): 12X

Audio CD playback: 24X

DVD-RAM: 5X

DVD±R: 16X

DVD-RAM: 5X

DVD+RW: 8X

CD-R: 48X

DVD-RW: 6X

CD-RW: 24X

DVD±R(DL): 8X

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®

7, Windows

Vista, Windows

XP

®

D 945(3.4GHz) or higher

®

GeForce 7600GT or ATI X1600 series or above

DVD Video

CD-Extra

CD-R

Photo CD

CD-RW

CD-text

CD-ROM

CD-ROM/XA

Audio CD

Multi-session CD

VCD

CD-I

DVD±RW

CD-RW

DVD-RAM

CD-R

## Electrical and Environmental Specifications

### Power Requirements

DC +5V ± 2.5%

DC +12V ± 3%

### Temperature

Operating: 5°C to 40°C

Storage: -30°C to 60°C

### Humidity

Operating:15%~80%

(Non-condensing)

Storage:10%~90%

(Non-condensing)



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## Related Manuals for Asus BW-14D1XT

[Blu-ray Drive Asus BW-16D1X-U Quick Installation Manual](#)

External 16x blu-ray writer (36 pages)

[Blu-ray Drive Asus BW-16D1X-U Quick Installation Manual](#)

External blu-ray writer (19 pages)

[Blu-ray Drive Asus TurboDrive BW-16D1H-U PRO Quick Installation Manual](#)

External 16x blu-ray writer external blu-ray writer (22 pages)

[Blu-ray Drive Asus BW-12D1S-U Quick Installation Manual](#)

External blu-ray writer (21 pages)

[Blu-ray Drive Asus Turbo Drive BW-16D1H-U Quick Installation Manual](#)

External blu-ray writer (21 pages)

[Blu-ray Drive Asus SBC-06D2X-U Quick Installation Manual](#)

External slim (21 pages)

[Blu-ray Drive Asus SDRW-08U7M-U Quick Installation Manual](#)

External slim dvd-writer (19 pages)

[Blu-ray Drive Asus SBW-06D5H-U Quick Installation Manual](#)

External slim blu-ray drive (21 pages)

[Blu-ray Drive Asus SDRW-08U5S-U Quick Installation Manual](#)

External slim dvd-writer (21 pages)

[Blu-ray Drive Asus SDRW-S1 Quick Start Manual](#)

External usb dvd / blu-ray writer with sound card (124 pages)

## Summary of Contents for Asus BW-14D1XT

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Fast and Eco Friendly Blu-ray Solution ASUS BW-14D1XT is a Blu-ray writer that brings the fastest 14X Blu-ray writing speeds and latest BD-XL format support, storing up to 128GB per disc.

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